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सं० 1] नई दिल्ली, शनिवार, जनवरी 5, 1974 (पौष 15, 1895)
No. 1] NEW DELHI, SATURDAY, JANUARY 5, 1974 (PAUSA 15, 1895)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III— खण्ड 2
PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों रे सम्बन्धित अधिसूचनाए और नोटिस

Notification and Notices issued by the Patent Office relation to Pasents and Desigen

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 5th January, 1974

SPECIAL NOTICE

Calcutta-17, *dated the 22nd December* 1973

No. A-45011/3/73-*Admn.*—In supersession of this office Memo. of even number dated the 7th December, 1973 it may be noted that the following is the list of holidays to be observed by the Patent Office, Calcutta during the Calendar Year 1974.

Serial No.	Name of Festival	Day of the Week	Date
*1.	Id-Uz-Zuha	Saturday	5th January.
*2.	Republic Day	Saturday	26th January.
3.	Sree Panchami	Monday	28th January.
4.	Doljatra	Friday	8th March.
*5.	Good Friday	Friday	12th April.
*6.	Buddha Purnima	Monday	6th May.
*7.	Independence Day	Thursday	15th August.
*8.	Mahatma Gandhi's Birth Day	Wednesday	2nd October.
*9.	Id-Ul-Fitr	Friday	18th October.
10.	Durga Puja	Tuesday	22nd October.
		Wednesday	23rd October.
		Thursday	24th October.
		Friday	25th October.
11.	Kali Puja	Wednesday	13th November
*12.	Guru Nanak's Birth Day	Friday	29th November.
*13.	Christmas Day	Wednesday	25th December

*Holidays to be essentially declared.

R. VASUDEVA PAI,
Joint Controller of Patents and Designs.
for Controller-General of Patents, Designs and Trade Marks.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

15th December 1973.

2731/Cal/73. Sandoz Ltd. Improvements in or relating to organic compounds. (18th December 1972).

2732/Cal/73. Societe Nationale Des Poudres Et Explosifs, Antar Petroles De L'Atlantique and Antargaz. A process and apparatus for concentrating dilute solutions of corrosive products, such as acids, by heating.

2733/Cal/73. Girling Limited. Improvements in or relating to vehicle wheel brake actuators. (19th December 1972).

2734/Cal/73. Sperry Rand Corporation. Self braking follower mechanism.

2735/Cal/73. The Warner & Swasey Company. Turret indexing mechanism.

2736/Cal/73. The Warner & Swasey Company. Coupling assembly.

17th December 1973

2737/Cal/73. Nanda Kumar Chowdhury. Improvements in or relating to wheeled vehicles.

2738/Cal/73. S. P. Kapur. Mini crick.

2739/Cal/73. Westinghouse Electric Corporation. Irradiation for fast switching thyristors.

2740/Cal/73. Pont-A-Mousson S. A. Machine for printing stamps, in particular on bottle caps.

2741/Cal/73. Wheelabrator-Frye, Inc. Abrasive control valves.

2742/Cal/73. Cor Tech Research Ltd. Novel thermosetting phenol-formaldehyde resin, and preparation and uses thereof.

2743/Cal/73. F. L. Smidth & Co. A/S. Improvements relating to the support of rotary drums. (18th December 1972).

2744/Cal/73. Telephon-Und Telegraphen-Fabriks Aktiengesellschaft Kapsch & Sohne in Wien. Leak-proof galvanic cell.

2745/Cal/73. International Standard Electric Corporation. Sealed contact capable of being magnetically actuated, and arrangement thereof.

2746/Cal/73. International Standard Electric Corporation. Armature restoring spring. [Addition to No. 2745/Cal/73].

2747/Cal/73. International Standard Electric Corporation. Sealed contact capable of being magnetically actuated. [Addition to No. 2745/Cal/73].

2748/Cal/73. Sunil Dev. Zinc and cadmium and more particularly to an improved extractive metallurgical process.

2749/Cal/73. Sunil Dev and P. K. Kapoor. Zinc and cadmium and more particularly to an improved extractive metallurgical process.

18th December 1973.

2750/Cal/73. Council of Scientific and Industrial Research. Improvements in or relating to inhibition of corrosion by natural waters in cooling systems.

2751/Cal/73. Rohm and Haas Company. Heterocyclic carbamates. (December 21, 1972).

2752/Cal/73. Damw Associates. Process for the production of hydrolytically resistant fluorocarbons. (September 7, 1973).

2753/Cal/73 Texas Instruments Incorporated. Non-volatile memory cell.

2754/Cal/73. Thann & Mulhouse. Improvements in radiological contrast media.

2755/Cal/73. International Standard Electric Corporation. Telephone subscriber's apparatus.

2756/Cal/73. Farbwerke Hoechst Akhtiengesellschaft vormals Meister Lucius & Bruning. Process for preparing copolymers of trioxane.

2757/Cal/73. Linde Aktiengesellschaft. A method and a device for washing out carbon dioxide, hydrogen sulphide and, where necessary, carbon oxysulphide.

19th December 1973

2758/Cal/73. G. D. Societa' in Accomandita Semplice Di Enzo Seragnoli E Ariosto Seragnoli. Cigarette packeting machine.

2759/Cal/73. Texas Instruments Incorporated. Low power electronic calculator system.

2760/Cal/73. Siemens Aktiengesellschaft. Improvements in or relating to carrier frequency data transmission systems. (March 12, 1973).

2761/Cal/73. Siemens Aktiengesellschaft. Improvements in or relating to frequency selective circuit arrangements. (July 19, 1973).

2762/Cal/73. Siemens Aktiengesellschaft. Signal holding circuitry.

2763/Cal/73. Siemens Aktiengesellschaft. Electricity supply system monitoring apparatus.

2764/Cal/73. Metallgesellschaflt Aktiengesellschaft. Polycondensation reactor.

2765/Cal/73. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning Process for the preparation of furan compounds.

2766/Cal/73. Johns-Manville Corporation. A bell and spigot pipe joint and sealing gasket used therewith.

2767/Cal/73. P. Agarwal. An air conditioner.

2768/Cal/73. Council of Scientific and Industrial Research. A process for preparing an etching composition suitable for etching on glass to give permanent and opaque letters.

2769/Cal/73. Council of Scientific and Industrial Research. Improvement in or relating to probe for ultrasonic therapy.

2770/Cal/73. Council of Scientific and Industrial Research. Process for the preparation of -n-di-n-propylaminoethyl-o-methoxyphenyl ether and its salts.

20th December, 1973

2771/Cal/73. Instituto De Angeli S.p.A. Chemical process. (24th May 1961) [Divisional date 2nd May 1962].

2772/Cal/73. Instituto De Angeli S.p.A. Chemical process. (24th May 1961). [Divisional date 2nd May 1962].

2773/Cal/73. Shell Internationale Research Maatschappij B. V Process and apparatus for the production of gases by incomplete combustion of hydrocarbons. (14th February 1973).

2774/Cal/73. The Metal Box Company Limited. Closures for containers. (20th December 1972).

2775/Cal/73. The Metal Box Company Limited. Improvements in trays. (21st December 1972).

2776/Cal/73. Sandoz Ltd. Improvements in or relating to organic compounds. (22nd December 1972).

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE (BOMBAY BRANCH)

4th December 1973

395/Bom/73. D. T. Trivedi and S. N. Balsari. An improved miniature circuit-breaker.

396/Bom/73. Chiyoda Chemical Engineering & Construction Company Limited. Flexible sand drain for soft ground and method for constructing the same in the soft ground.

397/Bom/73. Kureha Kagaku Kogyo Kabushiki Kaisha. Multiple vertical diaphragm type electrolytic cell for producing caustic soda.

398/Bom/73. The Sarangpur Cotton Manufacturing Company Limited. Process and device for producing bonded textile or other sheet materials having a patterned and/or embossed surface.

399/Bom/73. K. S. Shripad. Light sensing device.

400/Bom/73. S. Nema, S. K. Soni and A. D. Telang. Gasometer.

401/Bom/73. Mistry Bros. An improved folding chair.

402/Bom/73. L. R. Makwana. Improvements in power generating plant.

403/Bom/73. K. Nanjundeswaran. Constant head cooling system for transformers and plant cooling.

6th December 1973

404/Bom/73. A. J. Nagevadia. A gas burned with metal screen for uniform heating.

7th December 1973

405/Bom/73. V. K. Trivedi. Hydraulic drive for scooters, motor cycles and like.

10th December 1973

406/Bom/73. V. R. Simeon. Improved rapier mechanism for shuttleless loom.

407/Bom/73. V. L. Hotwani. Baby Walker.

11th December 1973

408/Bom/73. P. P. Dahanukar. Improved petrol saver device for internal combustion engines and the like.

12th December 1973

409/Bom/73. W. D. Kuthe. Springo.

410/Bom/73. I. E. Nagree. Improvement in or relating to baking oven.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE (MADRAS BRANCH)

14th December 1973

187/Mas/73. K. Narayanan, Dr. P. T. Joseph and Dr. P. N. Mohan Das Dyeing synthetic fibre (azo dyes for synthetic fibre)

188/Mas/73. K. Narayanan, Dr. P. T. Joseph and H. S. Nathan. Production of palm beer from coconut or other palm toddy

189/Mas/73. K. Narayanan, Dr. P. T. Joseph and N. B. Nair. Production of hard boards, partition boards etc. using solvinia auriculate (african payal) with other ingredients.

190/Mas/73. K. Narayanan and Dr. P. T. Joseph. Thiostarch and thiocellulose.

191/Mas/73. K. Narayanan and Dr. P. T. Joseph. Extraction of pectin and tannin from arecanuts.

192/Mas/73. K. Narayanan and Dr. P. T. Joseph. Extraction of tannin from coconut husks by chemical methods.

193/Mas/73. K. Narayanan and P. T. Joseph. Polymerisation of cashew nut shell liquid by a new method.

194/Mas/73. K. Narayanan, Dr. P. T. Joseph and Dr. A. Kamala Devi. Eugenol, 4-allyl catechol and vanillin from cinnamon leaf oil.

195/Mas/73. K. Narayanan, Dr. P. T. Joseph and M. T. George, Latex cement.

ALTERATION OF DATE

135559 (1954/Cal/73). Ante dated to 8th March 1972.

135558 (2162/Cal/73). Ante dated to 8th March 1972.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents *at the appropriate office* as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on Patents Rules, 1972) Patent Officer, Calcutta.

CLASS 55E4 99783

PROCESS FOR THE PREPARATION OF 1, 5-DIMETHYL - 4 - DIMETHYLAMINO-2-PHENYL-3-ISOPYRAZOLONE ORTHO-HYDROXYQUINOLINE SULPHONATE COMPLEX.

LABORATORIO CHIMICO FARMACEUTICO CAUSYTH S.P.A., OF VIA SERIO 6, MILAN, ITALY.

Aplicaption No. 99783 filed May 28, 1965.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims—No drawings.

A process for the preparation of a water-soluble complex of 1, 5-dimethyl-4-dimethylamino-2-phenyl-3-isopyrazolone ortho-hydroxy-quinoline sulphonate and an aliphatic or alicyclic aminopolyol, useful as medicament against influenza and febrile and rheumatic conditions, when administered by parenteral, intravenous or intramuscular methods, in the form of an aqueous solution or a watersoluble lyophilisate, characterized in that said 1, 5-dimethyl-4-dimethylamino-3-phenyl-3-isophyrozolone ortho-hydroxyquinoline sulphonate and said aminopolyol are mixed in an aqueous medium in proportions such as to obtain a pH ranging from 6.5 to 6.8, in the presence of one or more added water-soluble pharmaceutical compounds, such as vitamins, hormones or antibiotics, in therapeutic doses, and the aqueous solution thus obtained is subjected to lyophilisation, if desired.

CLASS 32F1+F3c+F3d. 140299.

PROCESS FOR THE PRODUCTION OF CYCLOPENTANOPHENANTHRENE DERIVATIVES.

SYNTEX CORPORATION, OF APARTADO 7386, FORMERLY OF P.O. BOX 6307, PANAMA.

Application No. 104299 filed March 14, 1966.

Convention date March 15, 1965. (10791/65) U.K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims—No drawings.

An improved process for producing 11-hydroxylated steroids by incubating the corresponding 11- desoxy steroid with a microorganism known to effect such hydroxylation or with the enzymes produced thereby, characterized by said incubation being effected in the presence of dimethylsulfoxide.

CLASS 32F2C. 110859.

PREPARATION OF D-2-AMINO-1-BUTANOL OR THE ACID-L-TARTRATE THEREOF.

AMERICAN CYANAMID COMPANY, AT WAYNE, NEW JERSEY, U.S.A.

Application No. 110859 filed May 29, 1967.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims—No drawings.

The process of preparing d-2-amino-1-butanol or the acid *L*-tartrate of *d*-2-amino-1-butanol characterized by forming a solution of *dl*-2-amino-1-butanol in a solvent containing at least about 50% of a lower alkanol such as methanol or ethanol and not more than 1.0% water, adding thereto *L* (+) tartaric acid in at least one half molar quantity, and separating the crystalline acid *L*-tartrate of *d*-2-amino-1-butanol and if desired suspending the acid *L*-tartrate salt of *d*-2-amino-1-butanol in a water containing solvent, adding an alkaline earth oxide or hydroxide, separating the alkaline earth *L*-tartrate and fractionally distilling the remaining layer to obtain *d*-2-amino-1-butanol.

CLASS 32F2b. 114931.

PROCESS FOR THE PREPARATION OF 1-N-BUTYL-2', 6'-PIPECOLOXYLIDIDE.
STERLING DRUG INC., AT 90 PARK AVENUE, NEW YORK, N.Y. 10016, U.S.A.

Application No. 114931 filed March 12, 1968.

Appropriate office for opopsition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

The process which comprises reaction 2', 6'-pipecoloxylidide with n-butyraldehyde to form 1-(2-butenyl)-2', 6-pipe-coloxylidide and reducing the latter with formic acid to form *1-n-butyl-2', 6'-pipecoloxylidide* of the formula shown in the accompanying drawings.

CLASS 32F2b. 115239

PROCESS FOR THE PREPARATION OF NEW N-PYRIDYL FORMIMINO ETHERS.

E. GY. T. GYOGYSZER VEGYESZETI GYAR (FORMERLY KNOWN AS EGYESULT GYOGYSZER ES TAPSZERGYAR), OF 32 KERESZTURI UT, BUDAPEST X, HUNGARY.

Application No. 115239 filed April 2, 1968.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

Claim 1.

A process for the preparation of N-pyridyl-formimino, ethers of the formula I shown in the accompanying drawings wherein R^1 represents a saturated or unsaturated, straight or branched chain alkyl group of 5 to 20 carbon atoms, a cycloalkyl group of 5 to 7 carbon atoms, a benzyl or phenylethyl group of a dialkylaminoalkyl radical comprising lower alkyl groups containing from 1 to 4 carbon atoms and R^2 represents hydrogen, halogen, nitro or lower alkyl containing from 1 to 4 carbon atoms, which comprises reacting a formimino alkyl ether of the formula II shown in the drawings wherein X represents an alkyl group of 1 to 4 carbon atoms and R^2 has the same meaning as above, with an alcohol of the formula III shown in the drawings wherein R^1 has the same meaning as above.

CLASS 32F2a & 55E4. 119507.

IMPROVED PROCESS FOR RECOVERING ERYTHROMYCIN FROM FERMENTATION BEERS.

ABBOTT LABORATORIES, AT 14 STREET AND SHERIDANROAD, CITY OF NORTH CHICAGO, COUNTRY OF LAKE, STATE OF ILLINOIS, U.S.A.

Application No. 119507 filed January 24, 1969.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims—No drawings.

In the process of extracting erythromycin from whole culture with water immiscible solvent the improvement comprising the steps of admixing enzyme selected from the group consisting of pancreatin free proteases and lipases with the fermented whole culture; digesting said admixture and extracting the erythromycin from the digested admixture with a water immiscible solvent.

CLASS 32F1. 119795.

PROCESS FOR THE PREPARATION OF DIALKYLAMINOALKYL ETHERS OF 2-ALKOXY-3, 5-DIHALOBENZENE.

SOCIETE D'ETUDES SCIENTIFIQUES ET INDUSTRIELLES DE L'ILE-DE-FRANCE 46 BOULEVARD DE LATOUR-MAUBOURG PARIS 7E, FRANCE.

Application No. 119795 filed February 11, 1969.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for the preparation of a member of the group formed by new dialkaminoalkyl ethers of 2-alkoxy-3, 5-di-halobenzene having the general formula shown in Fig. 1 of the accompanying drawings, in which formula,

— n and m are integers between 0 and 2,

— R, R_1, R_3, R_5 represent either hydrogen or a lower alkyl radical with from 1 to 5 carbon atoms such as methyl, ethyl, and propyl.

— the group of formula shown Fig. 2 of the drawings, can represent a heterocyclic radical, such as pyrrolidyl, piperidyl, morpholyl, and piperazinyl, and

— X and Y are halogens such as F, Cl and Br, comprising acetylating a monoether of pyrocatechol in a manner such as herein described, then halogenating the substituted phenyl ester obtained in a manner such as herein described, then deacetylating it in a manner such as herein described and then treating with an alkylaminoalkyl chloride, and their acid-addition salts with a mineral or organic acid and their quaternary ammonium salts, obtained by methods known per se.

CLASS 32H F2c. 120006

PROCESS FOR PRODUCING L-LYSINE.

KYOWA HAKKO KOGYO CO., LTD., OF 4, OTHEMACHI-1-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Application No. 120006 filed February 24, 1969.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims—No drawings.

A process for producing L-lysine which comprises culturing and l-lysine-producing microorganism capable of assimilating ethyl alcohol and belonging to a genus selected from the group consisting of *Corynebacterium*, *Brevibacterium*, *Arthrobacter*, *Pseudomonas*, *Bacillus*, *Azotobacter* and *Nocardia* under aerobic conditions in an aqueousnutrient medium containing ethyl alcohol

is the main carbon-containing substrate, and accumulating L-lysine in the resultant culture liquor.

CLASS 39N. 126393.

AN IMPROVED MEHTOD FOR THE MANUFACTURE OF CALCIUM HYPOPHOSPHITE.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Aplication No. 126393 filed April 28, 1970.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims—No drawings.

A process for the manufacture of calcium hypophosphite by reacting molten yellow phosphorus with a slurry of lime in a reactor characterised by the following steps :

(a) (i) molten yellow phosphorus is reacted with lime slurry [ratio of phosphorous to lime is 1 : 0.75 to 1 : 2] at atmosepheric pressure and in absence of air.

(ii) the reaction is carried out in an ordinary *reactor*, using an *ordinary mechanical stirrer* having variable speeds,

(iii) the reaction is carried out at a temperature of 60°C to the boiling point of the mixture,

(iv) the reaction is complete in 2 hours.

(b) the reaction mass is treated with carbon dioxide to prepcipitate lime as calcium carbonate which is filtered off;

(c) the filtrate is concentrated at *atmospheric pressure* to obtain crystals of calcium hypophosphite,

(d) by product phosphine gas is burned in a special burner and the resulting phosphorus pentoxide absorbed in dilute phosphoric acid to get concentrated phosphoric acid.

CLASS 55D2+F. 130469.

A PROCESS FOR OBTAINING A CHEMICAL REPARATION FOR ORAL ADMINISTRATION OF IRDS AND MAMMALS EXCEPT HUMANS FOR ONTROLLING ENDOPARASITES.

KUREHA KAGAKU KOGYO KABUSHIKI KAISHA,)F 8, 1-CHOME, NIHONDASHI HORIDOME-CHO, HUO-KU, TOKYO, JAPAN.

Application No. 130469 filed March 4, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims—No drawings.

A process for obtaining a chemical preparation comprising copolymerizing 30 to 60 wt. part of a conjugated diene compound, 70 to 40 wt. parts of at leastamonomer selected from the group consisting monovinyl compounds copolymerizable with said diene compound and 0.5—5 wt parts of a crosslinking agent, based on the total wt and mixing the obtained copolymerized thermoplastic resin with a complex chemical compound of calcium salt of 0-methyl-0-(2, 2-dichlorovinyl) phosphoric acid with 0, 0-dimethyl-0-(2, 2-dichloriviny1) phosphate to provide a chemical preparation for oral administration of birds and mammals except humans for controlling endoparasites therein.

129 C + K. 131406.

A PROCESS AND AN APPARATUS FOR THE FORMATION OF THEADED BORES HAVING A DRESSED SURFACE.

COMPAGNIE PECHINEY of 23 RUE BALZAC, PARIS 8e, FRANCE.

Application No. 131406, filed May 18, 1971.

Appropriat Office for opposition proceedings (Rule 4, Pa'ents Rules, 1972) Patent Office, Calcutta.

9 Claims

A process for the formation of threaded bores with a dressed face, and in which a milling unit has mounted thereon :

(a) at least one tool for boring and dressing the bottom of the bore

(b) at least one threading tool; and

(c) at least one dressing tool, for the external face of the element,

and in which the boring with the first tool or tools (a) and the threading with the second tool or tools (b) are carried out simultaneously, in a first phase and thereafter, when the bottom of the bore is reached, in a second phase, the dressing of this bottom is effected with the first group of tools (a), and the dressing of the external face is effected with the third group of tools (c).

CLASS 116D + G. 131811.

CONCRETE-TRAVELLER FOR CONVEYING A BATCH OF CONCRETE.

CHERUMANALIL KOREMBETH BALAKRISHNAN, "RAMSADAN", TALAP' CANNANORE-KERALA STATE, INDIA.

Application No. 131811 filed June 21, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

1 Claim.

A Concrete Traveller for conveying Concrete along longitudinal and transverse directions by means of a top-open skip (1) mounted on four flanged wheels which roll on pairs of trussed pipe rails, (2a, 2b) the transverse motion being accomplished by the carrying of the skip (1) on a cradle carrier (3), the skip (1) having bottom opening hinged flaps (6) which get shut or open by means of a wire-rope (11) one end of which is forked and tied to each of the flaps (6) while the other end is wound on a drum (13) mounted on a hand-wheel operated rotating spindle (14) having a ratchet and pawl arrangement, (15, 21, 22) the pawl (21) preventing the reverse rotation of the axle (14) while the wire rope (11) gets wound on the drum (13) closing the flaps (6) to receive the concrete, the discharge of which is effected by striking the pawl (21) off the ratchet (15) resulting in unwinding of the rope, (11) opening of the flaps (6) and simultaneous dropping of the Concrete; the trussed pipe rails (2a, 2b) in detachable lengths consisting of a tubular M.S. pipe (29) as top chord, a pair of M.S. bars (36) as bottom chord and a pair of continuous 'V' shaped bent bars (30) welded to the pipe (29) and bottom chord (36) serving as the web and with bearing plates (31) at either ends; the Cradle carrier (3) for the skip (1) also moving on wheels but on a separate track (b) set at right angles to the trussed pipe rails (2a, 2b) and which has on its deck (37) a strip of pipe rails (4) set to the same gauge, level and direction of the trussed pipe rails (2a, 2b); the transfer of the skip (1) from the pipe rails (2a or 2b) to the carrier (3) or Vice Versa for its transverse movement being done when the pipe rails (2a, 2b) and the strip rails (4) on the Carrier are brought to register with each other.

CLASS 156D. 132338.

A HIGH PRESSURE DUPLEX MUD PUMP.

VOLTAS LIMITED, OF 19, GRAHAM ROAD, BALLARD ESTATE, BOMBAY-1, MAHARASHTRA, INDIA.

Application No. 132338 filed August 2, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

9 Claims.

A high pressure duplex mud pump comprising one or more cylinder chambers each chamber being provided with a piston assembly slidably disposed therein with the piston rod thereof projecting through corresponding apertures provided in a stuffing box and connected through a crosshead to a crank-shaft assembly so that said piston assembly reciprocates within said cylinder chamber, said cylinder chamber including an intermediate housing rings at opposite ends of which are coaxially fitted pump chambers each of which is connected to a suction duct at one end thereof and, through a valve assembly, to a discharge manifold at another end thereof.

CLASS 5E. 132780.

IMPROVEMENTS IN OR RELATING TO FERTILIZER DISTRIBUTING MECHANISMS MOUNTED ON AGRICULTURAL TRACTORS.

VINOD MURGAI, OF 52, FORT, ROAD, FEROZEPUR CANTT., PUNJAB, INDIA.

Application No. 132780 filed September 4, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A fertilizer distributing mechanism adapted to be mounted on or attached to an agricultural vehicle, such as a tractor, comprising a hopper having at least a first and second auger disposed therein and means for providing a drive for said augers, outlets provided in said hopper for discharge of the fertilizer, said first auger capable of providing an agitation of the fertilizer, provided in said hopper, in a direction opposite to that of said second auger.

CLASS 32F3a. 132976.

PROCESS FOR THE PRODUCTION OF POLYGLYCOLETHER CAMPOUNDS.

SANDOZ LTD., OF LICHTSTRASSE 35, BASLE, SWITZERLAND.

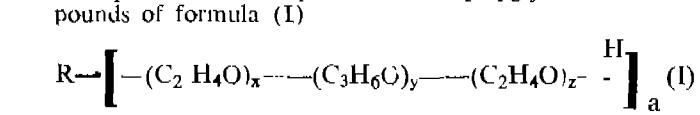
Application No. 132976 filed September 20, 1971.

A process for the production of polyglycolether com-

Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A process for the production of polygiycolether compounds of formula (I)



(I)

where R stands for an a-valent radical of an organic compound such as herein described which has 8 to 24 carbon atoms, contains at least one active hydrogen atom and may be substituted,

x for 5 to 11,
y for 5 to 18,
z for 5 to 20, and
a for 1 to 4;

which process is characterized by the reaction of 1 mc of the compound

$R(H)_a$ (II)

with x mols of ethylene oxide, then with y mols of propylene oxide and subsequently with z mols of ethylene oxide wherein x, y and z have the aforesaid meanings.

CLASS 67A. 133002.

SOLID STATE ANNUNCIATOR.

THE FERTILIZER CORPORATION OF INDIA LIMITED, P.O. SINDRI, DISTT. DHANBAD, BIHAR, INDIA.

Application No. 133002 filed September 22, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A solid state annunciator responsive to a single or multiple signals comprising an audio signal circuit and visual signal circuits connected to a signal producing circuit, a visual signal circuit and signal producing circuit provided for each signal, a signal audio circuit provided for all of said signals, each of said signal producing circuits having a first output, said visual signal circuits connected to the first output signal terminals of said signal producing circuits said signal producing circuits have a second output terminal and connected to the single audio signal circuit, each of said circuits being a solid state circuit, said audio signal circuit comprising a flip-flop circuit connected to the second output terminal of the signal producing circuits, an oscillator connected to said flip flop circuit through a switching circuit, an audio amplifier connected to said oscillator and adapted to amplify the output signal from said oscillator and a audio signal means, such as a horn or loudspeaker connected to said audio amplifier.

CLASS 64B2 & 179D + F. 133028.

CLOSURE FOR A CONNECTOR BOX.

BUNKER RAMO CORPORATION, OF OAKBROOK NORTH BROOK, ILLINOIS, U.S.A.

Application No. 133028 filed September 23, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A closure for a box comprising : a movable lid coupled to said box adjacent an opening in the said box; a sealing member wobblingly coupled to said lid and held by said lid in alignment with said opening between said lid and said box when said lid is in a closed position said sealing member including a rigid backing disc facing said lid and an adjacent resilient disc facing said box, said backing disc having a centrally located aperture therein through which said resilient disc is exposed; and means fixedly coupling to said lid that portion of said resilient disc which is exposed through said aperture whereby said sealing member self-adjusts its position to uniformly seal said opening when said lid is in a closed position.

CLASS 127A. 133171.

CLUTCH DISC.

LUK LAMELLEN UND KUPPLUNGSBAU GMBH, OF INDUSTRIESTRASSE 3, 758 BUHL, BADEN, WEST GERMANY.

Application No. 133171 filed October 7, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A clutch disc, consisting of a hub and lining carrier, with which at least one damping device can be provided in the force transmission path between these parts, in which the linings are fixed in the form of individual segments upon both sides of the disc on lining carrier segments and between the lining carrier segments for the lining segments at least of one side of the disc and the lining carrier adaptor fillet is provided that is narrower than the lining segments and the lining carrier segments opposite to one another are prestressed in the axial direction of the disc; so characterised that the lining carrier segments, viewed in the peripheral direction of the disc, are joined together in the zone outside the linings.

CLASS 128G. 133427.

INTRAUTERINE DEVICE.

TECNA CORPORATION, AT BERKELEY, COUNTY OF ALAMEDA, CALIFORNIA, U.S.A.

Application No. 133427 filed October 30, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 *Claims*

An intrauterine device comprising an envelope of thin, flexible, substantially liquidimpervious, substantially non-stretchable material including an obverse panel and a separate reverse panel united around their edges, means for uniting said panels in a predetermined zone within their edges, an elongated tube of thin, flexible, substantially liquid-impervious materials at one end secured to said envelope with the interior of said tube in communication with the interior of said envelope, the tube and the envelope when collapsed having an approximately circular-cylindrical configuration less than about three millimeters in diameter.

CLASS 21B. 133545.

METHOD OF MAKING SHOES.

NATIONAL TRUST COMPANY, LIMITED, OF 21 KING, STREET EAST, TORONTO, ONTARIO CANADA.

Application No. 133545 filed November 9, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 *Claims*

A method of forming a shoe upper comprising the steps of forming a unitary shoe upper having a free marginal edge at the lower end thereof by electrostatic deposition of plastic material on a mould having an open cavity formed to the required contour of the upper, curing said plastic material and removing the cured upper from the mould.

CLASS 116G, 118B6, 157C & 158E4. 133615.

RAILWAY SYSTEM.

JERVIS B. WEBB COMPANY, OF 9000 ALPINE AVENUE, DETROIT, MICHIGAN 48204, U.S.A.

Application No. 133615 filed November 15, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A railway system including a vehicle propellable along a rail, having a pair of oppositely facing track surfaces extending substantially perpendicular to a supporting surface over which the vehicle is adapted to travel, by driving mechanism on the vehicle including a pair of rollers engaging the opposite track surfaces, at least one of the rollers being driven by a driving motor operatively connected thereto; characterised in that the driving mechanism is mounted on a frame which is connected to the vehicle on a pivotal axis extending transversely to the rail, and positioning elements locate said frame about the pivotal axis so that the axes of said pair of rollers extend substantially perpendicular to the supporting surface.

CLASS 87B, 136B+E+M, & 151C. 133668.

A METHOD OF MOULDING A HOLLOW RUBBER ARTICLE AND AN APPARATUS THEREFOR.

DUNLOP HOLDINGS LIMITED, OF DUNLOP HOUSE, RYDER STREET, ST. JAMES'S LONDON, S.W. 1, ENGLAND.

Application No. 133668 filed November 18, 1971.

Convention date November 23, 1970 (55586/70) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims.

A method of moulding a hollow rubber article in which the article is first formed in two halves, each half being moulded in a female mould cavity from rubber in an uncured state, each half being provided with a locking sprue to prevent displacement of the half within the mould cavity, the mould is pressurised by air inert gases and the two halves of the article are then brought into contact and joined together under heat and pressure.

CLASS 155D. 133768

IMPPROVEMENTS IN OR RELATING TO LAMINATES.

KJELL JAKOBSEN, OF NORWEGIAN NATIONALITY, OF ELVEBAKKEN 11A, 5032 MINDE, NORWAY.

Application No. 133768 filed November 26, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims.

A method of producing a laminate which comprises at least two layers of foil material having a stratum of expanded plastic beads arranged as a single layer between adjacent layers, said beads being individually joined at least at certain points to the latter, but not to one another, by an adhesive to form link-like connections which comprises forming adhesive-supporting surfaces on first and second layers of foil material by applying thereto a solution of adhesive in a volatile solvent and vaporizing a substantial proportion of said solvent, leading said adhesive-supporting surface of said first layer of foil material into contact with a supply of expanded plastic beads, pressing said beads against said surface, locking said beads in position as a single layer by causing said adhesive supporting surface of said second layer of foild material to engage with the free or uncovered surface of the resulting plastic bead stratum and exerting a pressure against said beads so that the latter are brought into permanent intimate clinging contact with the opposed surfaces of the layers of foil material.

CLASS 32E. 133852.

PROCESS FOR THE PREPARATION OF AN OLEFIN POLYMER.

SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ N. V., OF 30, CAREL VAN BYLANDTLAAN, THE HAGUE, THE NETHERLANDS.

Application No. 133852 filed December 6, 1971.

Convention date December 8, 1970 (58265/70) (U.K.)

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims—No drawings.

A process for the preparation of an olefin polymer as herein described which comprises contacting an olefin monomer with a catalyst prepared by reducing a transition metal compound in its normal maximum valency state with an organomagnesium compound, and activating the reduction product using a mixture of an aluminium trialkyl compound and an aluminium dialkyl halide.

CLASS 123. 133887.

PRODUCTION OF POTASSIUM DIHYDROGEN-PHOSPHATE/POTASSIUM NITRATE MIXTURES.

FITZWILTON LIMITED (FORMERLY KNOWN AS W. & H. M GOULDING LIMITED), OF FITZWILTON HOUSE, WILTON PLACE, DUBLIN 2, REPUBLIC OF IRELAND.

Application No. 133887 filed December 8, 1971.

Convention date December 16, 1970 (59687/70) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A process for the production of potassium dihydrogen phosphate/potassium nitrate mixtures by reaction of phosphate rock with nitric acid and subsequent reaction of the mass produced with acid potasisum sulphate or potassium bisulphate, the calcium in the reaction mass being balanced approximately stoichiometrically by sulphate and the potassium sulphate and the acid concentrations being controlled in order to obtain calcium sulphate in a filterable form, and calcium sulphate formed is separated to provide a solution containing potassium nitrate and potassium dihydrogen phosphate.

CLASS 194C 6a. 133892.

IMPROVEMENTS IN OR RELATING TO ELECTRIC DISCHARGE VESSELS.

N. V. PHILIPS GLOEILAMPENFABRIEKEN, AT EMMASINGEL 29, EINDHOVEN (HOLLAND).

Application No. 133892 filed December 8, 1971.

Addition to No. 127231.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An electric discharge vessel manufactured by a method as claimed in Indian Patent No. 127231 which method starts from a vessel were in a closed holder is placed which is provided with a quantity of one or more substances to be introduced into the vessel and wherein subsequently a desired gas almosphere is brought about whereafter the vessel is closed and wherein finally the holder is opened by the passage of current through a heating element present in the vessel, characterized in that the heating element is wire-shaped and forms part of a secondary coil consisting of a single closed turn and placed in the vessel, in which coil a current can be generate by induction with the aid of a primary coil placed outside the vessel the holder being mainly a cylindrical capsule and the part of the secondary coil not consisting of the heating wire being strip-shaped and having at least two lugs which engage constricted parts of the capsule

CLASS 130G. 13391_.

BENEFICIATION OF ORES.

NILUX HOLDING SOCIETE ANONYME OF 1 PLACE DE IA GARE, LUXEMBOURG.

Application No. 133912 file December 10, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

In a method of beneficiating an oxidic material containing nickel, copper or cobalt, by the segregation process, comprising mixing the oxidic material with a halide salt and a suitable reductant while at an elevated temprature, the improvement comprising adding ferrous or ferric oxide to the oxidic material to increase the active iron content thereof.

CLASS 107C. 134051.

INLET MANIFOLDS FOR AN INTERNAL COMBUSTION ENGINE.

JOSEPH LUCAS (INDUSTRIES) LIMITED, OF GREAT KING STREET, BIRMINGHAM, ENGLAND.

Application No. 134051 filed December 23, 1971.

Convention date filed January 1, 1971 (142/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

An inlet manifold for a multi-cylinder internal combustion engine comprising a plenum chamber which has an inlet containing at least one throttle valve and which has a plurality of outlet ducts each adapted to communicate with a respective cylinder of the engine through an inlet valve of the engine and a respective further valve associated with each outlet duct which, in use, operates to control the flow of gas through that outlet duct under at least part of the range of operation of the throttle valve which controls the operation of the engine.

CLASS 145B+CC & 155A. 134168.

A PROCESS FOR PRODUCING GREASEPROOF PAPER.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 134168 filed January 3, 1972.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

3 Claims—No drawings.

The process of producing greaseproof paper by surface treatment of paper with a solution consisting of glue, glycerine, and alkaline Tamarind seed testa powder extract, with or without addition of formalin.

CLASS 196B2+C. 134212.

AN IMPROVEMENT IN AN AIR-FLOW MECHANISM.

SWISHFLO PRIVATE LIMITED, AT BOMBAY-AHMEDABAD NATIONAL HIGHWAY NO. 8, ONGC POST, BARODA-9, STATE OF GUJARAT, INDIA.

Application No. 134212 filed January 7, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims.

An air-flow mechanism to produce an air-current continuously sweeping within predetermined angular limits wherein a pair of air-blowers feed air-currents

into a guiding passages to produce a uni-directional air-current and wherein such uni-directional air-current is made to strike at right angle a rectangular lattice of equal, equi-distant and perpendicularly parallel rectangular vanes, such vanes being rotatably fixed to a horizontal rocking lever with a pair of projections in its plane with an open slot between them, such slot engaging a pin disposed eccentrically in the plane of a horizontal circular disc which is set rotating about its centre by being geared to the shaft of an electric motor, by the axle of the horizontal disc having at its other end another horizontal disc which is in contact with the shaft of a third horizontal disc which is actuated by the shaft of the electric motor, the rotation of the pin imparting to the rocking lever a longitudinal harmonic motion setting the vanes rotating about their axes.

CLASS 147C+L & 148C. 134291.

PROCESS FOR THE PRODUCTION OF A MULTI-LAYER MOTION PICTURE FILM CONTAINING MAGNETIC RECORDING STRIPES AND MOTION PICTURE FILM SO PRODUCED.

AGFA-GEVAERT N. V., OF 27 SEPTESTRAAT, B 2510 MORTSEL, BELGIUM.

Application No. 134291 filed January 15, 1972.

Convention date January 25, 1971 (3101/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for the production of a multilayer motion picture film containing magnetic recording stripes, which process comprises the application to the antihalation layer of a film composed of a support, at least one light-sensitive emulsion layer at one side of said support, and at the opposite side of said support an antihalation layer capable of being detached from said support in the presence of an alkaline medium, of stripes from a coating composition of magnetisable material dispersed in an alkali-insoluble binder, and in admixture therewith a cross-linking agent for the alkali-soluble binder of said antihalation layer.

CLASS 32F1. 134358.

METHOD OF PRODUCING α-METHYL-1-ADAMANTYLMETHYLAMINE HYDROCHLORIDE.

INSTITUT ORGANICHESKOGO SINTEZA AKADEMII NAUK LATVIISOKOI SSR, OF AIZKRAUKLES, 21, RIGA, U.S.S.R.

Application No. 134358 filed January 22, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims—No drawings.

A method of producing α-methyl-1-adamantylmethylamine hydrochloride, consisting in reacting 1-adamantylmethylketone with ammonium formate, formamide, a mixture of formamide and formic acid or a mixture of acetamide and formic acid at a boiling temperature of the reaction mixture with subsequent HCL hydrolysis of an acyl derivative of α-methyl-1-adamantylmethylamine thus produced and isolation of the desired product.

CLASS 132D. 134360.

CONTINUOUS TYPE HOT MIX PLANTS.

SAYAJI IRON & ENGINEERING CO. PVT. LTD., OF CHIIANI ROAD, BARODA-2, INDIA.

Application No. 134360 filed January 22, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims.

A mixing device for mixing molten bitumen with aggregates in which both heating and mixing takes place comprising a main rotatable drum, having a heating zone for the aggregates and a mixing zone for mixing the heated aggregates with molten bitumen, said heating zone being constituted by an intermediate drum located within the main drum, heating means provided for the said intermediate drum and means for discharging the heated aggregates from the intermediate drum into the main drum to be conveyed to the mixing zone of the main drum and bitumen feeding means located in said mixing zone during the rotation of the main drum, the mixed aggregates being then discharged from the said main drum.

CLASS 153 & 170B. 134475.

PRODUCTION OF FUSED ABRASIVES.

NORTON COMPANY, OF 1 NEW BOND STREET, WORCESTER, STATE OF MASSACHUSETTS, U.S.A.

Application No. 134475 filed February 2, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A method for producing rapid cooling of molten oxide abrasives wherein the molten abrasive is cast onto a packed mass of a plurality of discrete bodies of material having a composition different from that of the molten oxide abrasive, and being non-reactive with the abrasive material, said masses having an average spheroidel body of from 2" to ½".

CLASS 48A2 & A4. 134525.

CABLES.

STANDARD TELEPHONES AND CABLES LIMITED, OF 190 STRAND, LONDON, W. C. 2, ENGLAND.

Application No. 134525 filed February 7, 1972.

Convention date March 3, 1971 (5887/71) Great Britain.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An insulated pair of electrical conductors in which the insulating material therefor has a substantially B-shaped transverse section and an electrical conductor is positioned in each of the closed portions or lobes of the B, each lobe of the B forming a sealed tube around its associated conductor, wherein the separate lobes are interconnected by a web of insulating material therebetween, and wherein the insulated conductors, may be separated from one another, without damage to the insulation on either conductor, by severing of the web.

CLASS 172B+D9. 134645.

APPARATUS FOR INTERRUPTING A SUPPLY OF FIBRE MATERIAL TO AN INDIVIDUAL SPINNING ROTOR OF AN OPEN END SPINNING MACHINE.

MASCHINENFABRIK RIETER A.G., OF WINTERTHUR, SWITZERLAND.

Application No. 134645 filed February 17, 1972.

Convention date filed July 21, 1971 (34183/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

An apparatus for automatically interrupting a supply of fibre material to an individual spinning rotor of an open end spinning machine in which devices are provided to supply fibres to the rotor comprising a combing roll, a combing roll housing and means for removing from the action area of the combing roll a fibre beard of an end of a silver being present into the region of the combing roll downstream of the sliver feed device.

CLASS 181. 134654.

PACKING FOR COMPRESSORS, PUMPS OR THE LIKE.

DRESSER INDUSTRIES, INC., OF REPUBLIC NATIONAL BANK BUILDING, P.O. BOX 718, DALLAS TEXAS 75221, U.S.A.

Application No. 134654 filed February 17, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

In an improved compressor, pump or the like including a cylinder and a plunger arranged for reciprocating moment in the cylinder, the improvement comprising : first means having an inner periphery arranged to encircle the plunger and having a generally, radically-disposed end face; second means having an inner periphery arranged to encircle the plunger and having an end face sealingly engaged the end face of said first means; and, one of the said first and second means having a pressure-responsive, annular lip thereon comprising a portion of said end face, said lip being responsive to pressure in the compressor, pump or the like to hold said end faces in tighter sealing engagement.

CLASS 69D. 134752.

ELECTRO-MAGNETIC RELAY ARRANGEMENT.

JOSEPH LUCAS (INDUSTRIES) LIMITED, OF GREAT KING STREET, BIRMINGHAM 19, ENGLAND.

Application No. 134752 filed February 25, 1971.

Convention date March 5, 1971 (6209/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An electro-magnetic relay arrangement comprising a support, a pair of electro-magnets mounted on the support, a pair of armatures each mounted for pivotal movement about an axis towards and away from one of the electromagnets, said axes being substantially aligned, and means for biassing said armatures away from the respective electro-magnets, said biassing means comprising a member engaging said armatures and extending therebetween substantially parallel to said pivotal axes and a pair of springs in spaced relationship extending transversely of said member and engaging said member and said support.

CLASS 67C, 133A and 157D3. 134806.

IMPROVEMENTS RELATING TO MOBILE RAILWAY TRACK LEVELLING AND TAMPING MACHINE.

FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHFT M.B.H., JOHANNESGASSE 3, VIENNA 1, AUSTRIA.

Application No. 134806 filed March 2, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office, Calcutta.

16 Claims.

A mobile railway track levelling and tamping machine comprising a chassis mounted with track lifting assembly and vertically adjustable track tamping tools, characterized by that a stretched wire datum system is arranged extending between that section of the track which has already been corrected and the section of track to be corrected, the said datum wire co-operating with a sensor device influencing the rate of drive of the track lifting assembly, wherein the said sensor device consisting of a continuously adjustable electrical primary element which has two members movable relative to one another, one of the said member being in permanent contact with the said stretched wire datum system and the other part being in contact with the track, the primary element being connected to a continuously adjustable regulating device for the drive of the track lifting assembly.

CLASS 206E. 134875.

A LEAD ASSEMBLY.

RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020 UNITED STATES OF AMERICA.

Application No. 134875 filed March 8, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A lead assembly of the type formed from a single continuous sheet of metal, comprising an outer frame, a central semiconductor chip supporting pad, and a plurality of lead fingers each having a terminal portion near said chip supporting pad, characterized by said chip supporting pad and at least said terminal portions of said lead fingers being non-coplanar.

CLASS 23B & 128G. 134967.

IMPROVEMENTS IN OR RELATING TO CONTAINERS.

MANDLAL JIVRAJ MEHTA, "SAMRAT"—C. 1, 202, KURLA ROAD, ANDHERI EAST, BOMBAY-69 (AS), STATE OF MAHARASHTRA, INDIA.

Application No. 134967 filed March 17, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

10 Claims.

An improved container for inserting or holding in a pocket or like purpose for easy and ready use of the contents thereof, characterised in that the said container, in combination, has for its essential parts—

(i) a casing;

(ii) a detachably fitted cap for the said casing;

(iii) a lower container having a bore or an outlet provided at its base, the said lower container being inserted inside the said casing and being supported on the bottom of the casing;

(iv) an upper container provided on top of the lower container and being co-axial with the said lower container, the bottom of the said

upper container being detachably fitted to the top of the said lower container; and

(v) a detachably fitted cap for the mouth of the said upper container;

the arrangement being such that the said upper and lower containers are adapted to be inserted inside the casing and the cap of the casing when fitted on the casing, the said cap will securely hold the said upper and lower containers inside the said casing.

CLASS 12C & 129J. 135270.

LOW-CARBON STEEL SHEETS WITH IMPROVED MAGNETIC PROPERTIES.

USS ENGINEERS AND CONSULTANTS, INC., AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, U.S.A.

Application No. 135270 filed April 13, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

In the process for producing low-carbon-sheet steel for magnetic applications, wherein the steel is hot rolled to sheet having a thickness of 0.050 to 0.100 inch such that the temperature thereof is 1900 to 2030°F when the steel is about one inch thick, 1430 to 1620°F when hot rolling is finished, and 900 to 1200°F when the steel is coiled and wherein the steel is cleaned, cold-rolled to effect a thickness reduction of 40 to 80%, and annealed to effect recrystallization, the improvement comprising temper rolling the steel after annealing to effect a plastic elongation of 6 to 10%.

CLASS 195 C. 135554.

IMPROVEMENTS IN OR RELATING TO PLATE VALVES.

DEVELOPMENT CONSULTANTS PRIVATE LIMITED, OF 24-B, PARK STREET, P.O. PARK STREET, CALCUTTA-16, STATE OF WEST BENGAL, INDIA.

Application No. 1525/72 filed September 27, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A plate valve for controlling and/or isolating material (as hereinbefore defined), which plate valve, in combination, has for its essential parts—(i) a plate having an opening for the discharge of the material therethrough; (ii) a valve body consisting of two half-parts each of which has a passage for the flow of the material therethrough, each said half-part being located on either side of the said plate by means of a plurality of bolts, for securely holding the plate in position, the arrangement being such that when the opening in the plate is adapted to be placed in line with each passage of the two half-parts of the valve body, the material will flow through the valve, but when the plate is adapted to be shifted in such a way that the blank portion of the said plate is adapted to cover or block the passages of the said two half-parts of valve body, the material is automatically prevented from flowing through the valve.

CLASS 178. 135555.

BRILLIANT CUT STONE.

COLORANT SCHMUCKSTEIN GMBH, OF 2 HAMBURG 19 OSTERSTR. 58, WEST GERMANY.

Application No. 345/72 filed May 29, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A brilliant-cut stone having upper facets and rear facets constructed as side faces of pyramids and inclined to a girdle plane, wherein the upper facets have angles to the girdle plane below 25° and above 50° and the lower facets have angles to the girdle plane between 45° and 55°.

CLASS 126D. 135556.

A DEVICE FOR DETECTING UNDESIRABLE KNOCKS IN AN ENGINE, MOHAN SINGH GHARYAL, D-6/13, KRISHAN NAGAR, DELHI-31, INDIA.

Application No. 20/72, filed April 21, 1972.

Addition to No. 115547.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A device for detecting undesirable knocks in an engine comprising a sealed chamber body, a diaphragm within the chamber, a contact point projecting externally from the said body and connected to the diaphragm through a wire or the like extending to the diaphragm from the chamber on one side of the diaphragm as disclosed in Parmt Patent No. 115547 wherein the means for connecting the vibrations of a diaphragm into sound wave through an electrical system is a pick up means placed in the proximity of the diaphragm, said pick up means being connected to a transistor resistance capitance amplifier coupled to another transistor arranged in a push pull manner, an earphone connected to the output of said push pull amplifier.

CLASS 166B. 135557.

MOORING SYSTEM.

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1685/72 filed October 20, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A mooring system comprising: an anchor for placement on the bed of a body of water and characterized in that it includes an anchoring device for lowering through the water for releasable connection with said anchor station; said anchor station and said anchoring device including cooperative latching means; a cable for connection to said anchoring device and extendable toward the water surface for connection to a member to be moored; and weight means lowerable down said cable for unlatching said cooperative latching means whereby said anchoring device may be brought to said surface.

CLASS 206 E. 135558.

A SEMICONDUCTOR DEVICE.

RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW, 10020 UNITED STATES OF AMERICA.

Application No. 2162/Cal/1973 filed September 24, 1973.

Division of Application No. 134875 filed March 8, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A semiconductor device comprising a lead assembly, of the type formed originally from a single continuous sheet of metal, comprising a semiconductor chip supporting pad and a plurality of lead fingers each having a terminal portion near said chip supporting pad, said chip supporting pad and at least said terminal portions of said lead fingers being non-coplanar, a semiconductor chip mounted on said supporting pad, a plurality of connector wires extending between said semiconductor chip and said terminal portions of said lead fingers and being bonded to each, and a body of polymeric material in surrounding relation to said semiconductor chip.

CLASS 206E. 135559.

A METHOD OF ASSEMBLING A SEMICONDUCTOR DEVICE.

RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020 UNITED STATES OF AMERICA.

Application No 1954/Cal/1973 filed August 24, 1973.

Division of Application No. 134875 filed March 8, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A method of assembling a semiconductor device which includes a lead assembly of the type formed from a single continuous sheet of resilient material comprising an outer frame, a semiconductor chip supporting pad, and a plurality of lead fingers each having a terminal portion near said chip supporting pad, said lead assembly in its unstressed condition having said chip supporting pad and said terminal portions of said lead fingers in non-coplanar relationship, characterized by the steps of, bonding a semiconductor chip to said chip supporting pad, forcing said chip supporting pad and said terminal portions of said lead fingers into coplanar relationship while maintaining said coplanar relationship, bonding a plurality of connetor wires between said semiconductor chip and said terminal portions of said lead fingers, and releasing said lead assembly to establish the non-coplanar relationship of said chip supporting pad and said terminal portions of said lead fingers.

CLASS 179F. 135561.

PILFER PROOF BOTTLE CAP OPENER;

DEBAKIRANJAN DUTTA, OF 87 EKDALIA ROAD, CALCUTTA-19, WEST BENGAL, INDIA.

Application No. 292/72 filed May 24, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A tool for detaching the seal of a pilfer proof (P.P.) Bottle cap without un-screwing the P.P. Cap comprising a small, slot, cut, grue or opening of any shape or size so that it may conveniently be set in right position on the link between the cap and its seal; so as to permit two sides of the said slot of the tool to enter inside the openings or split between the Cap and its seal, thereby providing as easy means of detaching the seal by twisting the tool.

CLASS 80F. 135562.

APPARATUS FOR ROTARY FILTERS.

ENVIROTECH CORPORATION, AT 537 WEST SIXTH SOUTH, SALT LAKE CITY, UTAH, U.S.A.

Application No. 1038/1972 filed August 1, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

In combination with a rotary-drum filter of the type which includes a tank, a horizontally-disposed filtering drum mounted in the tank, a trunnion at one end of the drum extending outwardly therefrom to terminate outside said tank, a bearing located outside said tank and spaced therefrom for journalling said trunnion for rotation, a plurality of outlet ports at the one end of the drum which are spaced concentrically about the trunnion, and a plurality of filtrate-conducting passages extending between selected areas on the drum's surface and the outlet ports, the improvement comprising :

(a) a valve encircling the trunnion and axially movable a substantial distance thereon between the bearing and the tank, said valve including a housing, an inlet port for receiving filtrate from the drum, and discharge means; and

(b) means detachably and fixedly connecting said valve to the tank with said inlet port in position to register successively with the outlet ports upon rotation of the drum.

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Pulling & Lifting Machines Private Limited to the grant of a patent on application No. 129344, made by Lifting Equipments & Accessories.

(2)

An opposition has been entered by Gwalior Rayon Silk Mfg. (Wvg.) Co., Ltd., to the grant of a patent on application No. 133384 made by Itt Industries Inc.

PATENTS SEALED.

126547 126626 126882 126896 126943 127045 127274 127791 127933 127998 128448 128679 128928 129190 129191 129199 129441 129593 129604 129624 129658 129744 129827 130036 130114 130624 130653 130752 130859 130893 130917 130960 130995 131087 131118 131183 131548.

AMENDMENTS PROCEEDINGS UNDER SECTION 57

The amendments proposed by Prof. Dr. Dr. Sc. h. c. Karl-Heinz Imhausen, Lahr, Hochstr. 8, West Germany, a German citizen and Imhico AG., of Talacker 42, Zurich, Switzerland, a Swiss Company, in respect of Patent application No. 131725 as advertised in Part III, Section 2 of the Gazette of India dated the 15th September 1973 have been allowed.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right' under Section 87 of the Patents Act, 1970. The dates shown in the cresent brackets are the dates of the patents.

No.	Title of the invention.
90360	(8-9-64)—Process for clarifying sugar Juices.
103766	(4-2-66)—Improved method of manufacture of dextrose from starch by engyme process.
106965	(24-8-66)—Method of and apparatus for reducing the moisture and residual sugar content of a bagasse passing through a diffuser.
111297	(27-6-67)—A composition containing cysteine or its homologues as stimulant for the growth and development of animals and poultry and process for the preparation of the composition.
117385	(22-8-68)—Herbicidal compositions.
117386	(21-3-67)—Process for preparing organotin mercapto compounds.
117408	(24-8-68)—A process for the preparation of dye-solution.
117424	(26-8-68)—Process for the production of N-substituted 5-amino-1, 3, 4-thiadiazoles and herbicidal compositions containing the same.
117433	(26-8-68)—Process for the manufacture of disazo pigments.
117440	(5-9-67)—Oleophilic graphite and oleophilic metal sulphide, process for the preparation thereof and lubricating composition containing the same.
117455	(27-8-68)—Process for the production of substituted N, N'-bis(acetyl)-o-phenylene diamines and pesticidal compositions containing same.
117456	(27-8-68)—Process for the production of N-cycloalkyl-chlorobenzylidenimines and herbicidal compositions containing same.
117460	(27-8-68)—Process for the liquefaction of oxygen and nitrogen.
117465	(27-8-68)—Anti-violatility pesticide compositions.
117491	(29-8-68)—A packed foodstuff.
117497	(15-9-67)—Hydrocarbon steam reforming process, a catalyst bed for use therein, fuel gases or synthesis gases and hydrogen produced thereform and methanol or ammonia and its derivatives produced from the said synthesis gases.
117515	(2-9-68)—Process for the production of detergent compositions.
117526	(2-9-68)—Process for producing mixed nitrates and nitrosyl chloride.
117536	(16-4-68)—Polycondensation method and apparatus.
117562	(4-9-68)—A process for inhibiting formation of bloom on a polyvinyl chloride resins composition.
117565	(4-9-68)—Process and device for drawing off refining gases.
117570	(5-9-68)—Process for the manufacture of polyvinyl alcohol.
117582	(6-9-68)—Nacreous pigments and their production.
117595	(7-9-68)—Improvements in or relating to the production of lighter flints (flint alloys).
117603	(7-9-68)—Process for making farrosilicon.
117609	(9-9-68)—Pesticidal preparations.

No.	Title of the invention.
117612	(18-12-67)—Method for the production of granular urea adducts.
117614	(9-9-68)—A method of producing an unsaturated hydrocarbon and a regenerative furnace used therefor.
117615	(26-8-68)—Process for the purification of natural and synthetic fats, esters and ester mixtures.
117616	(11-9-67)—Process for the continuous bulk polymerization of β-lactones.
117619	(9-9-68)—Process for the production of hydrogen.
117620	(9-9-68)—Water-soluble disazo dyestuffs, metal complex compounds thereof, process for preparing them, method of dyeing or printing textile materials using said dyestuffs and materials so dyed.
117646	(19-9-67)—Preparation of tea.
117652	(12-9-68)—A process for the selective hydrogenation of pyrolsis gasoline.
117677	(13-9-68)—Process for the preparation of shellac-acrylic emulsions.
117686	(16-9-68)—Process for the manufacture of polyvinyl ester dispersions.
117715	(17-9-68)—A process for the preparation of 5-methyl-4-hydroxy-2, 3 dihydrofuran-3-one.
117718	(17-9-68)—Process for the production of new ureas as well as new methnopentalene derivatives serving as starting materials and the use of the new ureas as herbicides.
117723	(17-9-68)—A process for the preparation of polymeric composition.
117754	(22-9-67)—Meat flavoured foodstuffs.
117759	(19-9-68)—Distillation process.
117773	(15-12-67)—Electrolytic production of magnesium metal.
117778	(20-9-68)—Process of and apparatus for producing a liquid in which heat and/or mass is transferred thereto from another liquid.
117795	(23-9-68)—Process for the preparation of amorphous ethylene propylene copolymers and copolymers so prepared.
117818	(24-9-68)—Process for the production of foodstuffs having a high content of emulsified fat.
117821	(29-9-67)—Production of aromatic polyesters.
117830	(20-1-67)—Novel ω-ureidooxycarboxylicacids, their salts and esters and method of preparing same.
117845	(27-9-68)—Process for the production of new thiazolinylpyridyl phosphates and phosphorothioates and insecticidal and acaricidal compositions thereof.
117862	(3-10-68)—Decomposed copper chromite catalyst and process for decomposing the same.
117873	(3-10-68)—Method of producing concentrated solutions of mixed ammonium salts of boric, phosphoric and sulfuric acids.

RENEWAL FEES PAID

66378 66393 66478 66573 70249 70286 70287 70594
70709 70955 74508 74668 74764 74788 74945 74975
74987 74991 75087 75088 75695 76725 76787 78485
79444 79968 79969 80046 80079 80178 80222 80295
80310 80510 80823 82864 82865 82866 82867 82868
84033 85210 85475 85836 85837 85845 85856 85863
85880 85920 86016 86044 86074 86085 86101 86168
86280 86281 86385 86408 86410 86765 87260 87312
91276 91325 91376 91588 91604 91620 91662 91712
91763 91824 91839 91852 91937 92239 92374 92375
92525 94528 97096 97102 97113 97119 97185 97191
97195 97196 97217 97257 97309 97310 97384 97615
97630 97643 97720 97955 98084 102130 103081 103271
103285 103345 103379 103519 103661 103664 103690
103701 103758 104454 104796 105472 107237 108284
108297 108393 108398 108511 108582 108586 108589
108599 108678 108709 108787 108805 108825 108906
108926 108985 109013 109019 109029 109249 109270
111290 111339 111421 111521 112376 113453 113621
113651 113671 113715 113773 113786 113841 113879
113882 113942 113952 113961 113980 114024 114027
114101 114109 114207 114247 114262 114285 114290
114303 114388 114543 114666 114667 116558 117513
118523 118757 118935 119076 119116 119120 119136
119146 119160 119193 119203 119210 119211 119253
119269 119272 119274 119277 119411 119412 119446
119524 119618 119623 119650 119762 119811 119816
119857 120128 120932 121050 121186 121648 122053
123008 123449 123542 123914 123932 124084 124110
124335 124342 124343 124345 124377 124461 124465
124468 124506 124512 124513 124546 124577 124578
124614 124620 124659 124684 124688 124692 124707
124721 124777 124806 124807 124808 124825 124849
124879 124939 124940 124941 124942 124986 125043
125044 125053 125100 125196 125272 125300 125301
125333 125610 125764 126050 126102 126618 127048
127095 127096 127235 127410 127492 127672 127785
127870 127883 127911 128270 128447 128555 128606
128611 128615 128715 129162 129455 129484 129491
129495 129650 129868 129875 129882 129894 130069
130171 130470 130794 130822 130988 131477 131564
131937 132026 132294 132391 132472 132567 132692
133055 133601.

CESSATION OF PATENTS

116734 116747 116760 116789 116791 116809 116812
116831 116862 116879 116884 116916 116935 116936
116944 116970 116971 116972 116973 116975 116977
116987 117005 117022 117023 117028 117029 117034
117036 117074 117082 117100 117101 117153 117154
117166 117171 117177 117194 117215 117216 117220
117223 117225 117246 117276 117292 117321 117323
117338 117355 117372 117373 117401 117403 117409
117431 117460 117476 117478 117525 117527 117558
117588 117596 117598 117617 117639 117655 117657
117684 117685 117731 117750 117764 117768 117771
123082 123113 123115 123116 123123 123131 123134
123135 123142 123143 123175 123180 123188 123195
123203 123209 123218 123447 123675 123807 123887
124288 124293 124841 125160 125528 125726 125848
125919 125920 125921 125922 125923 126029 126040
126147 126169 126173 126213 126233 126236 126259
126424 126434 126501 126523 126548 126549 126561
126764 126868 126884 129174 129670.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 108307 granted to Stabilator Aktiebolag for an invention relating to "a device in drills". The Patent ceased on the 5th December 1973 due to non payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section-2, dated the 7th July 1973.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 5th March 1974 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 126907 granted to The Concrete Construction Company for an invention relating to "improved moulds for making blocks for compression tests on concrete or the like". The Patent ceased on the 2nd June 1972 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section-2 dated the 1st December 1972.

Any interested person may give notice of opposition to the restoration by leaving on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 5th March 1974 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

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Design No. 133940
Design No. 134805 — Class I.

Design No. 134026
Design No. 134532
Design No. 134885 — Class III.

S. VEDARAMAN
Controller-General of Patents,
Designs and Trade Marks.

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